

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-05 16:58:37  
Date of Next Testing: 2026-09-05 16:58:37  
Product Name: **L- $\alpha$ -phosphatidylcholine (Liver, Bovine)**  
CAS Number: 475662-36-3  
Specifications & Purity: >99%  
Lot #: L22151118  
SKU #: **L130334**  
Version: **0**  
Analysis #: **407582**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.28000 %
Nitrogen by Elemental Analysis	1.6-2 (%)	1.85 %
Oxygen by Elemental Analysis	15.9-16.5 (%)	16.34 %
Hydrogen by Elemental Analysis	10.4-10.9 (%)	10.85 %
Carbon by Elemental Analysis	66.3-67.4 (%)	67.01 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager